IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claim 15 in accordance with the following:

1. (previously presented) A communication system, comprising:

a computer device;

a telecommunication terminal apparatus having individual internal assemblies;

a switch, said switch, said computer device, and said telecommunication terminal apparatus all allowing connection to a public telephone network,

a first bus system that connects said computer device to said telecommunication terminal apparatus;

a second bus system having a smaller bandwidth than said first bus system that connects the individual internal assemblies of said telecommunication terminal apparatus,

an interface that connects said telecommunication terminal apparatus to said switch;

said telecommunication terminal apparatus having a first operating mode in which reception data received from said switch are rerouted by said telecommunication terminal apparatus to said first bus system, and are forwarded via said first bus system to said computer device;

said computer device comprising a processor for processing the reception data received by said telecommunication terminal apparatus, and for forwarding the reception data to said telecommunication terminal apparatus via said first bus system for output by said telecommunication terminal apparatus;

said first bus system forwarding transmission data produced by said telecommunication terminal apparatus to said computer device in the first operating mode for processing in said computer device by said processor and sending processed transmission data to said telecommunication terminal apparatus; and

said telecommunication terminal apparatus rerouting the processed transmission data produced by said telecommunication terminal apparatus to said interface, for forwarding to said switch.

2. (previously presented) A communication system according to claim 1, wherein said processor encodes the transmission data produced by said telecommunication terminal apparatus, and decodes the reception data received from said switch.

3. (previously presented) A communication system according to claim 1, wherein said first bus system is implemented utilizing a USB bus; said second bus system is implemented utilizing an IOM-2 multiplexer; and all data of said IOM-2 multiplexer are transmitted via said first bus system.

4. (previously presented) A communication system according to claim 3, wherein said IOM-2 multiplexer comprises:

a CTRL channel via which said computer device controls said telecommunication terminal apparatus in said first operating mode via a CTRL channel of the IOM-2 multiplexer,];

a D* channel, via which said computer device receives items of control information from said the telecommunication terminal apparatus; and

IC channels, via which said computer device and said telecommunication terminal apparatus exchange data.

5. (previously presented) A communication system according to claim 3,

wherein said IOM-2 multiplexer comprises B channels, and

wherein said telecommunication terminal apparatus reroutes the reception and transmission data only between said interface and the B channels.

6. (previously presented) A communication system according to claim 1, wherein said switch is a private branch exchange.

7. (previously presented) A communication system according to claim 6, wherein said interface is a $U_{p0/E}$ interface.

8. (previously presented) A communication system according to claim 6, wherein said telecommunication terminal apparatus has a second operating mode, in which it is controlled in a conventional manner by said private branch exchange, and which allows operation independent of said computer device.

9. (previously presented) A communication system according to claim 1, wherein said telecommunication terminal apparatus is a telephone.

10. (previously presented) A communication system according to claim 3, wherein:

said computer device has a program that enables simulation of a telephone answering device;

said transmission data represent spoken text;

said computer device further comprises a transmission data store which enables repeated time-displaced forwarding of said spoken text to said switch via said telecommunication terminal apparatus; and

said reception data which represent messages from callers that are sent by said switch to said computer device via said telecommunication terminal apparatus, that are intermediately stored in said computer device, and that are forwarded in a time-displaced fashion via said telecommunication terminal apparatus, as reception data.

11. (previously presented) A communication system according to claim 1, wherein:

said computer device further comprises a video conferencing mechanism;

said computer device obtains the reception data from said switch via said telecommunication terminal apparatus, divides the reception data into image data and speech data, displays said image data on a display screen of said computer device, sends the speech data back to said telecommunication terminal apparatus, and

said computer device assembles transmission data from the speech data and said image data.,

the speech data originating from a microphone of said telecommunication terminal apparatus being transmitted to said computer device via said first bus system, and the processed transmission data being sent to said switch via said telecommunication terminal apparatus.

12. (previously presented) A communication system according to claim 1, wherein said switch corresponds to the ISDN standard.

13. (previously presented) A communication system according to claim 3, wherein said items of control information comprise items of information produced during a pressing of

particular keys of said telecommunication terminal apparatus.

14. (previously presented) A method for transmitting data in a communication system having the elements of a telecommunication terminal apparatus, a computer device, and a switch, wherein said elements are connectable to a public telephone network, comprising:

connecting said computer device to said telecommunication terminal apparatus via a first bus system;

connecting individual internal assemblies of said telecommunication terminal apparatus with a second bus system having a smaller bandwidth than said first bus system;

connecting said telecommunication terminal apparatus to said switch via an interface;

receiving reception data by said telecommunication terminal apparatus from said switch;

transmitting the reception data by said telecommunication terminal apparatus operating in a first operating mode to said first bus system, and forwarding the reception data via said first bus system to said computer device;

processing, by a processor of said computer device, the reception data received by said computer device from said telecommunication terminal apparatus;

forwarding, by said computer device, to said telecommunication terminal apparatus, processed reception data via said first bus system;

outputting the processed reception data by said telecommunication terminal apparatus;

producing transmission data by said telecommunication terminal apparatus;

forwarding the transmission data by said telecommunication terminal apparatus operating in the first operating mode to said computer device via said first bus system;

processing, by said processor of said computer device, the transmission data received by said computer device; and

transmitting, by said computer device, to said telecommunication terminal apparatus, processed transmission data via said first bus system; and transmitting, by said telecommunication terminal apparatus to said interface for forwarding to said switch.

15. (currently amended) The method according to claim 14, further comprising:

sending the reception data received by said switch and the transmission data produced by said telecommunication terminal apparatus to said computer device via said

telecommunication terminal apparatus, wherein the reception and transmission data received by said computer device represents spoken words;

intermediately storing the reception and transmission data received by said computer device in a transmission data store of said computer device, wherein said computer device further comprises a program that enables simulation of a telephone answering device, and wherein said transmission data store enables repeated time-displaced forwarding of the reception and transmission data representing spoken words to said switch via said telecommunication terminal apparatus; and

forwarding the reception and transmission data received by said computer device, by said computer device, in a time-displaced fashion via said telecommunication terminal apparatus.

16. (previously presented) The method according to claim 14, further comprising:

obtaining the reception data by said computer device from said switch via said telecommunication terminal apparatus, wherein said computer device further comprises a video conferencing mechanism;

C1 dividing, by said computer device, the reception data into received image data and received speech data;

displaying, by said computer device, the received image data on a display screen of said computer device;

sending, by said computer device, the received speech data back to said telecommunication terminal apparatus;

transmitting the input speech data originating from a microphone of said telecommunication terminal apparatus to said computer device via said first bus system;

assembling, by said computer device, transmission data from the input speech data and the input image data; and

transmitting said transmission data to said switch via said telecommunication terminal apparatus.